NWS CHANGE FORM
PART A

NWS CHANGE FORM **PART A**	**1. DATE SUBMITTED** 20 March 2000

This form is in three parts. Submitters must complete unshaded blocks in Part A and as much of Part B as possible. WSH will complete Part C (implementation details). If there is no specific required change date, enter 60 days from date submitted. Address questions to NWS Change Management at (301) 713-1373. Submit change requests to the NWSRC mailbox (External: NWSRC@noaa.gov).

2. ORIGINATOR OFFICE APO	3. SUBMITTING AUTHORITY Name: Ward Seguin Routing Code: W/APO1	4. COGNIZANT TECHNICAL INDIVIDUAL Name: Ronla Meiggs Routing Code: W/OSD25 Phone:(301) 713-1768x191	5. ORIGINATOR TRACKING NUMBER P426_TDL_A100046

6. SYSTEMS AFFECTED BY CHANGE

☐ DATA PRODUCTS (Complete Data Products Supplement)

☐ ASOS ☒ AWIPS ☐ CRS ☐ NEXRAD ☐ OTHER (specify) _____

7. WSH TRACKING NUMBER

NWS 565

24 March 2000

8. TITLE OF CHANGE

IFPS GUI for Customizing Zone Climatology within CWAs.
(Replace Text based interface on modclimo program with Graphics based interface)

9. TYPE OF CHANGE

☐ HARDWARE ☒ SOFTWARE ☐ DOCUMENTATION ONLY

10. SITES AFFECTED (Attach Part B, Page 2, if needed)

All ER sites

11. STATEMENT OF REQUIREMENT, PROBLEM, OR DEFICIENCY OF EXISTING SYSTEM (Include problem report reference numbers.)

The ER sites are spinning up the usage of ICWF to produce products from the digital database. This requires customization by the Interactive Forecast Preparation Focal Point (IFP-FP). One of customization areas is determining the representative climatology (max/min) for each zone within the County Warning Area (CWA). TDL has developed an interactive application that assists in the configuration of these data. This application is currently targeted to be implemented within AWIPS Release 5.0. This RC is requesting that this application be provided to the ER sites earlier in the form of a patch in order to assist in the customization ICWF.

12. KNOWN OR PROPOSED SOLUTION (Include source and description of new features or data products.)

Executables: Replace modclimo (text based application) with Graphics based version.

Note: This modified application must be reinstalled if any intermediate release without the new functionality (e.g. 4.3.1) is installed.
Instructions for such releases should indicate the reinstallation of this patch, where applicable.

13. ALTERNATE SOLUTIONS

The IFP-FP can manually enter climatology data for each zone in the CWA every five days. This data must be entered in such away that it can be imported into the icwf_ccc databse. (However manual entry is cumbersome and more difficult than proposed solution)

14. REQUIRED CHANGE DATE 3/27/00	15. RATIONALE FOR REQUIRED CHANGE DATE (Include proposed priority, if known.) The proposed schedule would allow ER sites to use the new interface as sites start using ICWF capability, prior to the Build 5 scheduled release.

CCB/PMC/CMB DECISION

16. DECISION AUTHORITY LEVEL

☐ CCB LEVEL ONLY   ☐ PMC or NWS CMB DECISION REQUIRED

17. CCB LEVEL DECISION	☐ APPROVED ☐ RECOMMEND APPROVAL ☐ DISAPPROVED	SIGNATURE DATE SIGNED

FOR USE ONLY WHEN PMC or NWS CMB DECISION REQUIRED

18. PMC OR NWS CMB DECISION	☐ APPROVED ☐ DISAPPROVED	SIGNATURE DATE SIGNED

<table>
<tr>
<td colspan="2" align="center">NWS CHANGE FORM
PART B</td>
<td>1. ORIGINATOR TRACKING NUMBER

P426_TDL_A100046</td>
</tr>
<tr>
<td colspan="2">All RC/ECP submissions must also address the following information. Indicate if any areas are unknown or do not apply. State why information is unknown and when it will be available. Attach extra pages if necessary, referencing each applicable subject.</td>
<td>2. WSH TRACKING NUMBER

NWS 565</td>
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FUNDING INFORMATION

Estimate costs and indicate known sources of funding. (Include travel time, installation time, administrative time, and software development time when applicable.)	3. SOURCE OF FUNDING	4. TOTAL COST $
5. DEVELOPMENT COSTS (Estimate development costs) This cost is associated with 5.0 development	KMOD _____ BASE	AMOUNT
6. OPERATIONAL TEST AND EVALUATION COSTS (Estimate test and evaluation costs) N/A	BASE	AMOUNT $0
7. PRODUCTION COSTS (Include acquisition, kit proofing, spares, delivery, and documentation costs)	KMOD _____ BASE	AMOUNT $0
8. COMMUNICATIONS SERVICE/CIRCUITS COSTS (Include installation and recurring costs) N/A		AMOUNT $0
9. IMPLEMENTATION SUPPORT COSTS (Include travel, installation, and administrative costs) The TDL will push the change to the sites as directed by the SST	KMOD _____ BASE	AMOUNT $
9A. LIFE CYCLE SUPPORT COSTS (Less communications service/circuits) Contractor (PRC) - NCF Operations	KMOD _____	AMOUNT Unknown

SUPPORTING INFORMATION AND SCHEDULES
Provide detailed information needed to implement the requested change.

10. DEVELOPMENT STATUS/SCHEDULE (Major milestones such as Start, Beta Test, and OT&E) Alpha Testing	11. PRODUCTION STATUS/SCHEDULE (Major milestones such as Solicitation, Contract Start Date, Delivery Date, Kit Proofing, etc.) N/A
12. IMPLEMENTATION/RETROFIT SCHEDULE The change would be implemented on 27 Mar 00.	13. FACILITY INFORMATION (Attach facility drawings/plans.) N/A
14. COMMUNICATIONS INSTALLED (Type required, who will order, and associated hardware required; attach Part B, Page 2, if needed.) N/A	15. COMMUNICATIONS SERVICE/CIRCUITS TO BE REMOVED N/A
16. REQUIRED CLEARANCES, WAIVERS, AND LICENSES (Include person or organization responsible for obtaining each) N/A	17. COORDINATION OF CHANGE WITH OTHER CHANGES Requires AWIPS SW Ver 4.2.6 to be installed prior to implementation
18. PHYSICAL ITEMS AND DOCUMENTS AFFECTED (Include part, serial, and document numbers. Attach Part B, Page 2, if needed.) See Attachment Part B	19. STAFF RESOURCE IMPACTS (Skills and workload impact on maintainers, operators, and managers.) No recurring workload impacts.
20. LOGISTICS IMPACTS (Include facilities, maintenance, training, and support equipment impacts.) N/A	21. OPERATIONAL IMPACTS (Include continuity and back up needs and plans.) Service backup during software installation required (approximately one hour for basic installation).
22. ADDITIONAL MAJOR CHANGE ACTIVITIES (Include who will accomplish each of them and staff hours required.) A script will be provided to save the existing modclimo executable and replace with the executable retrieved from NOAA1	

NWS CHANGE FORM										
PART B - PHYSICAL ITEM AND DOCUMENT IMPACT MATRIX SUPPLEMENT						1. ORIGINATOR TRACKING NUMBER P426_TDL_A100046				
This information is required prior to publication of Engineering Modification Notes and Software Release Notes. List physical items to be replaced and specify any changes in related documentation. (Submitters should complete this information, if known. WSH will assist.)						2. WSH TRACKING NUMBER				
3. ITEM NAME, CIRCUIT TYPE, SOFTWARE VERSION, OR SITE LOCATION	4. REMOVE REPLACE MODIFY	5. SUPERSEDED ITEM OR CONFIGURATION		6. SUPERSEDING PART NUMBER OR NEW CONFIGURATION	7. DOC TYPE	8. SUPERSEDED DOCUMENT		9. SUPERSEDING DOCUMENT	
		A. PART	B. SERIAL NUMBER(S) OR			A.	B.	A.	B. REV
None									

NWS CHANGE FORM
PART C

| 1. ORIGINATOR TRACKING NUMBER |
| P426_TDL_A100046 |

WSH is responsible for Part C, but submitters may complete sections that would help clarify the change requirement or the necessary implementation actions.

| 2. WSH TRACKING NUMBER |
| NWS 565 |

3. CCB COST EVALUATION

NWS COST   FAA COST $ DOD COST $ OTHER AGENCY COST $ TOTAL COST $
(SPECIFY)_____

4. IMPLEMENTATION DOCUMENTS REQUIRED

[x] Engineering Modification Note   ☐ Software Release Notes   ☐ Other Document (Specify)_____

ADDITIONAL IMPLEMENTATION INSTRUCTIONS (e.g., Implementation schedule, parts shipping instructions, equipment disposal procedures, additional documentation required, and status reporting instructions.) Include documentation, data input, notification vehicle, or specific action step required to verify completion of the implementation activity.

5. IMPLEMENTATION ACTIVITY REQUIRED	6. REQUIRED COMPLETION DATE	7. RESPONSIBLE PERSON AND OFFICE	8. DOCUMENT OR ACTION REQUIRED TO VERIFY COMPLETION
A. Coordinate implementation schedule with sites through SST	27 Mar 00	Thigpen/SST, W/APO3	N/A
B. NCF Pushes the change to sites as directed by SST	27 Mar 00	Thigpen/SST, W/APO3	See item C
C. Ensure this change is reported to the Weather Service Headquarters (WSH) through the Engineering Management Reporting System (EMRS) according to the instructions in Engineering Handbook number 4, part 2. Record this RC number (**NWS565**) in Block 17a of the EMRS report.	30 Apr 00	Machado, W/ER41x4	N/A
D. Ensure the appropriate WSH management information systems and configuration management data bases are updated to reflect these changes.	15 May 00	Michelle deTommaso W/OSO113	